

Figure 1 is a schematic cross-sectional view of a fluid control device. The device consists of a main body 1 with a central passage 5. A piston 7 is positioned within the passage, controlled by a lever 30. A valve 11 is located at the inlet, controlled by a lever 18. A second valve 12a is located at the outlet, controlled by a lever 12b. A spring 8 is shown in the passage. The device is shown in a closed position with a flow arrow V1. A second view shows the device in an open position with a flow arrow V2. Dimensions L1, L2, and S are indicated.

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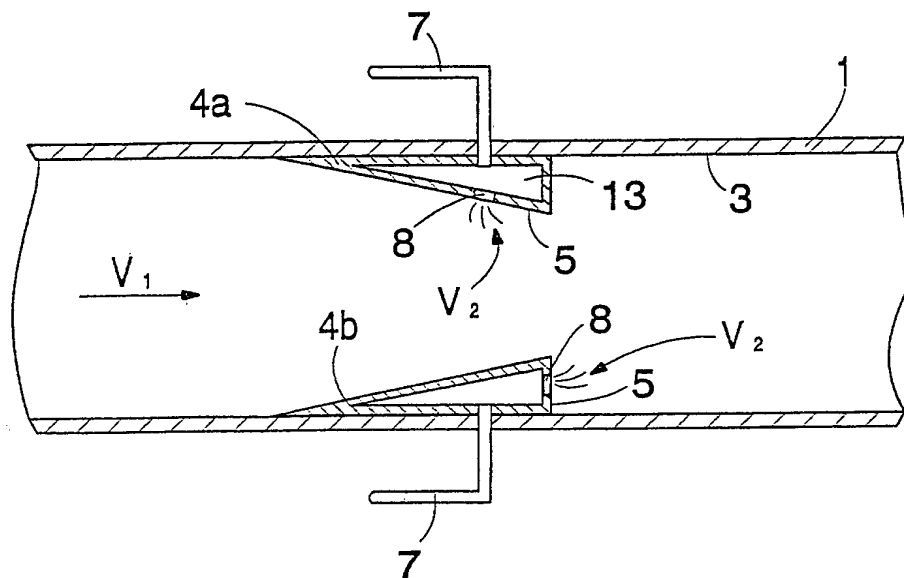


FIG. 4

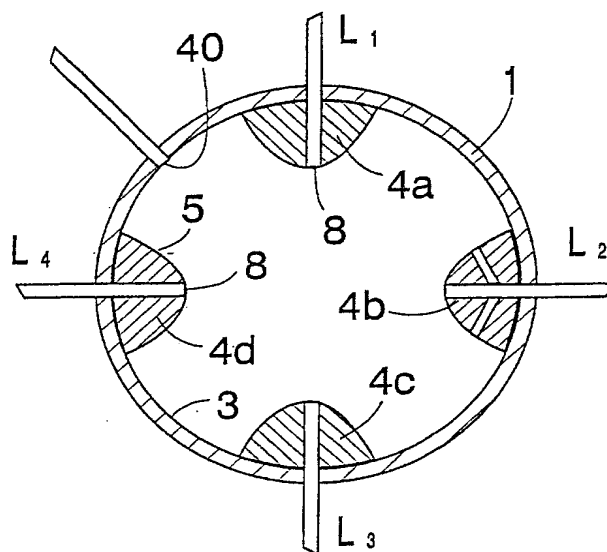


FIG. 5

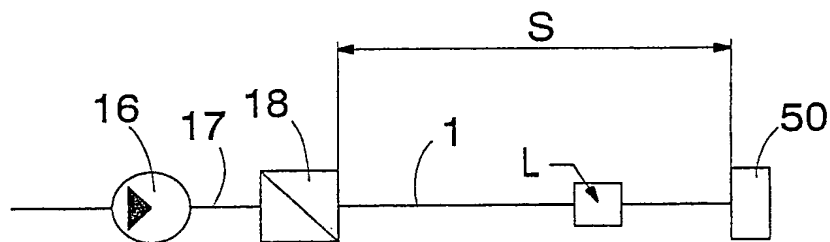


FIG. 6a

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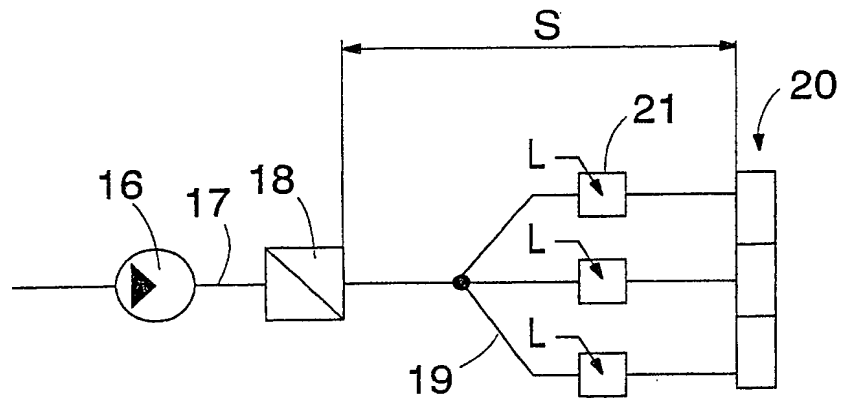


FIG. 6b

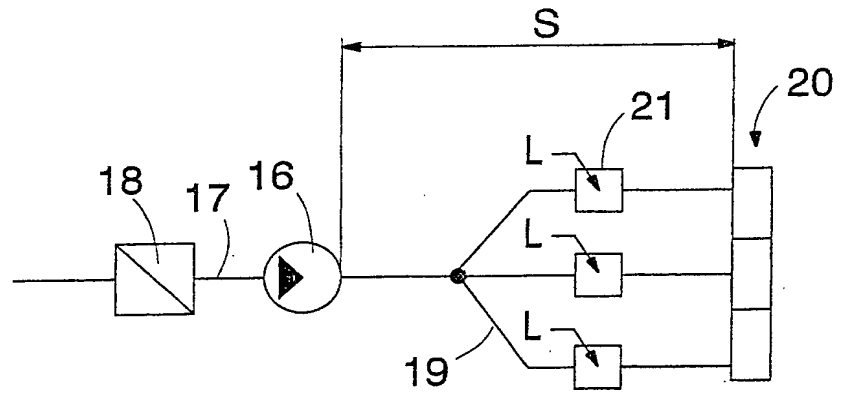


FIG. 6c

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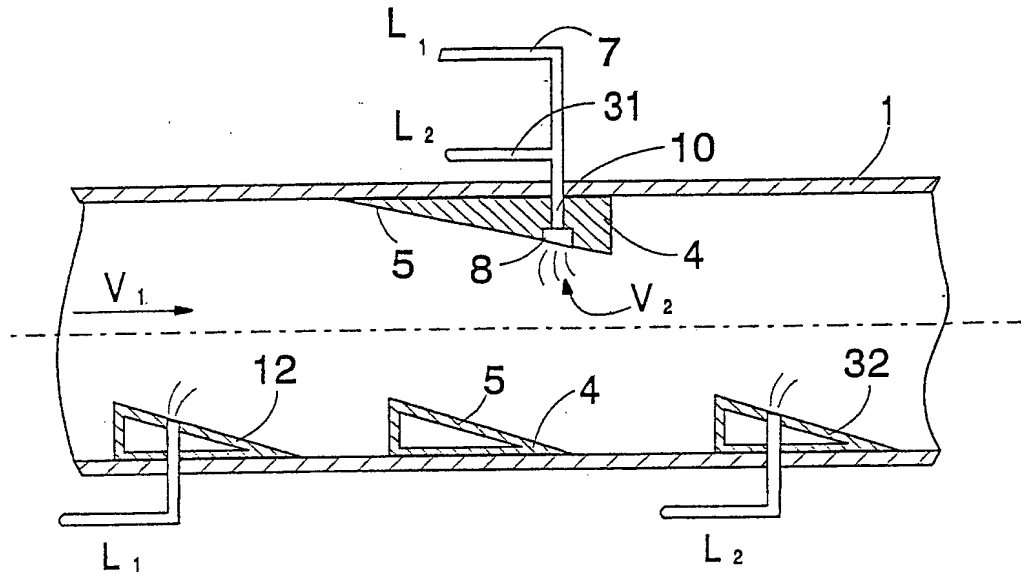


FIG. 7